Peak District National Park

Forecast valid from 00:00 on Saturday 30 Apr 2022 until 23:59 on Sunday 01 May 2022

Forecast Issued on Friday 29 Apr 2022 at 16:49

Confidence: High confidence for the generally benign conditions through the period, but with a spell of rain Sunday morning. Confidence in detail becomes low Sunday afternoon and beyond, however the rather cloudy theme with sunny spells and isolated showers is high confidence.

Headline for Saturday 30 Apr 2022: Fine morning, cloud thickening later. Likely dry until the evening

Mountain weather hazards on Saturday 30 Apr 2022

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
Low Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
Medium Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Clear night	Sunny	Sunny	Sunny intervals	Sunny intervals	Cloudy	Cloudy	Dull
Precipitation probability							
00%	00%	00%	<05%	<05%	<05%	20%	30%

Forecast for Saturday 30 Apr 2022

Weather: Cold overnight, with frost and patchy fog in valleys and light winds. This soon lifting after dawn, with some early sunshine, although turning hazy through the morning as cloud build from the northwest. This cloud will lower through the afternoon and evening, obscuring higher summits. The odd spot of rain is possible by midnight, but likely staying dry.

Chance of cloud-free hill tops above 600m: Greater than 90% during the morning, falling during the afternoon to 70% by the evening and 40% by midnight.

Low cloud and visibility: Tops clear at first with very good to excellent visibility, although some mist and fog patches may fill some valleys. This soon lifting, however, to give widespread good to very good views through the morning and early afternoon. As cloud descends later in the day tops above 500m will become obscured, primarily in the northwest at first.

Forecast for Saturday 30 Apr 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/7 SE	3/4 W	4/6 SW	7/10 W	11/17 SW	13/19 SW	10/14 W	10/14 SW	13/17 SW
300	5/7 S	3/4 SE	2/3 S	5/8 W	9/14 SW	10/16 SW	8/13 W	6/9 SW	7/12 SW
Valley	4/6 SE	2/3 NE	2/3 E	4/7 SW	7/13 SW	8/16 SW	7/14 NW	4/9 W	5/11 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	5/3	5/4	5/3	7/4	9/7	10/7	7/4	6/3	5/1
300	6/5	5/4	6/5	9/8	12/10	13/11	10/8	8/7	8/6
Valley	6/4	4/3	6/5	10/9	13/12	14/12	10/9	9/8	8/7
Freezing Level*	1200m	1200m	1200m	1300m	1400m	1500m	1500m	1600m	1700m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Excellent conditions at first, with sunshine and great views likely from any higher routes, although rather chilly. Conditions will deteriorate through the afternoon however, so be prepared for more difficult navigation for any late descenders.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Fri 29 Apr 2022	0mm	0mm	0mm

Forecast for Sunday 01 May 2022

Weather: Wet overnight, with rain gradually clearing south during the morning and early afternoon. Cloud will gradually break late in the day, perhaps allowing some evening sunshine but also one or two slow moving showers.

Maximum wind: Southwesterly 10-15mph

Chance of cloud-free hill tops above 600m: 10% through the morning and early afternoon, increasing to 80% by the evening.

Low cloud and visibility: Extensive cloud at 500m at first, with some patches at 400m with morning rain. This breaking and lifting during the afternoon, with clearer spells developing on except the very highest tops. Cloud returning to 400m during any slow moving showers. Outside of the cloud, visibilities will be moderate to good, but falling to poor during any rain.

Temperature: **Valleys:** Plus 5 Celsius becoming Plus 16 Celsius
At 600m: Plus 4 Celsius becoming Plus 9 Celsius
Freezing level: Above the summits.